

Forty-second Winter Bird-Population Study

Edited by Calvin L. Cink and Roger L. Boyd

THIS YEAR'S NUMBER OF STUDIES, 32, is up slightly from the 27 of last year, but still low compared to the 100 plus studies published in the early 1980s. The number of new studies (four) is still low (only 12% of the total compared to 70% of the early 1980s studies) but hopefully with full published accounts in the *Journal of Field Ornithology* the number will continue to increase.

This year 25 observers spent 506 hours in the field in 15 states and provinces, and censused 667.1 hectares. The number of studies per state was fairly even with New York topping the list with six studies. The highest number of hours spent in any one study was 61; the lowest, three (with

an average of 15.8 hours). The average size for a plot was 20.8 hectares. They ranged from six (Mixed Oak Pine forest) to 212.5 (Barrier Beach and Saltwater Estuary). The average number of species recorded was 21 and ranged from seven (Upland Scotch Pine plantation) to 81 (Barrier Beach and Saltwater Estuary). Densities averaged 236.4 individuals per 40 hectares, with a low of 25 (Ponderosa Pine-Douglas Fir) and a high of 1984 (Suburban Cemetery).

A copy of the new census forms for 1990 can be requested from: Jim Lowe, Winter Bird-Population Studies, Cornell Laboratory of Ornithology, 159 Sapsucker Woods Road, Ithaca, New York 14850. Reports should

be submitted to the Laboratory of Ornithology by June 1, 1990.

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List of Participants

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Winter Bird-Population Study: 1989

Habitat	State/ Prov.	Compiler	Plot size (ha)	Ind. per 40 ha	Num. spp.	Num. hrs obs.	Num. yrs
Broadleaf Forest							
1. Mixed Upland Broadleaf Forest	DC	S.A. Briggs	14.2	240	34	61	30
2. Mature Deciduous Floodplain Forest	MD	D. Gauthey	17.8	177	30	42	38
3. Oak—Maple Bottomland	MA	L.E. Taylor	6.7	44	9	8	8
4. Upland Second—growth Oak—Hickory Forest	MS	H. Moore	10.0	339	25	16	1
5. Isolated Beech—Maple Woods	NY	R.T. Engstrom	13.5	37	9	13	1
6. Beech—Maple Swamp Forest	OH	M.A. Robson	8.3	255	18	10	4
7. Riparian Deciduous Forest	OH	E.J. Tramer	18.0	242	25	26	1
8. Black Willow—White Ash Forest	ON	M.F.G. Clark	13.0	64	11	13	6
9. Sugar Maple—Mixed Hardwood Forest	PA	R.A. Ickes	9.7	163	16	24	6
Broadleaf/Coniferous Forest							
10. Maple—Pine—Oak Second—growth Forest	MA	W.E. Davis, Jr.	11.8	32	15	12	13
11. Upland Mixed Pine—Spruce—Hardwood Plantation	NY	E.W. Brooks	16.6	82	11	12	15
12. Coniferous—Deciduous Forest	ON	M.F.G. Clark	9.2	112	11	13	4
13. Mixed Oak—Pine Forest I	PA	D.A. Gross	6.0	73	9	9	10
14. Mixed Oak—Pine Forest II	PA	D.A. Gross	11.1	47	10	11	10
15. Second-growth Broadleaf—Coniferous Forest	WA	D. Smith	21.5	259	28	17	2

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<i>Habitat</i>	<i>State/ Prov.</i>	<i>Compiler</i>	<i>Plot size (ha)</i>	<i>Ind. per 40 ha</i>	<i>Num. spp.</i>	<i>Num. hrs obs.</i>	<i>Num. yrs</i>
Coniferous Forest							
16. Sand Pine Scrub	FL	C.L. Cink	8.1	197	13	11	2
17. Upland Scotch Pine Plantation	NY	E.W. Brooks	9.3	120	7	10	5
18. Ponderosa Pine—Douglas-fir	WA	T.H. Rogers	11.2	25	10	19	13
Mixed Habitat (Forest/Non-forest)							
19. Conifer—Brush—Grass Foothills Ecotone	CO	R.G. Beidleman	28.3	26	15	14	6
20. Young White Ash—Red Maple Forest on Lake Shore	NY	G.R. Maxwell	16.2	337	36	15	3
21. Floodplain Forest and Cultivated Bottomland	NY	V.M. Pitzrick	51.8	41	29	11	18
22. Abandoned Upland Pasture	NY	V.M. Pitzrick	8.0	188	17	5	6
Shrubland							
23. Recently Burned Scrubby Flatwoods	FL	C.L. Cink	8.1	340	26	10	2
24. Brushland (Old-field Succession)	IN	J.D. Webster	17.1	131	33	24	7
25. Black Greasewood—Saltgrass Association	OR	R.D. Dixon	16.5	26	9	11	2
Wetlands							
26. Coastal Freshwater Marsh	CA	J. Kelly	10.5	678	48	11	4
27. Barrier Beach and Saltwater Estuary	FL	R.W. Loftin	212.5	487	81	24	12
Fields or Cultivated							
28. Mature Citrus Orchard	FL	F.E. Lohrer	13.7	310	20	16	1
29. Brushy Field with Trees and Hill	ON	M.F.G. Clark	6.3	79	9	6	6
30. Field, Ridge, and Shrubby Trees	ON	M.F.G. Clark	6.6	173	15	11	4
31. Mixed Croplands	PA	P.W. Schwalbe	40.5	257	10	3	7
Residential/Urban							
32. Suburban Cemetery	AL	T.A. Imhof	15.0	1984	35	18	8



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